Open ended response Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pd\_\_\_ Date\_\_\_\_\_\_\_\_\_

You and a friend wish to canoe down the Susquehanna River. The prices of renting a canoe from 2 different stores, Blue Canoe and Paddle Happy, are shown below:

Blue Canoe: $20 flat fee plus $5 per hour

Paddle Happy: $10 per hour

1. Calculate the cost to rent a canoe from each store for 8 hours. Show your work.
2. For each store, write an equation that describes the relationship between the number of hours a canoe is rented and the total cost.
3. You want to spend no more than $50 to rent a canoe. From which store should you rent a canoe to get the greatest number of rental hours for your money? Show all work and explain your thinking.